Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 27 Nov 2023 until 23:59 on Tuesday 28 Nov 2023

Forecast Issued on Monday 27 Nov 2023 at 01:53

Confidence: High confidence in the overall pattern and for the transition to cold conditions through the week. Lower confidence in details Thursday and Friday.

Headline for Monday 27 Nov 2023: Dull with frequent outbreaks of rain, turning wintry at height. Further showery rain tonight.

Mountain weather hazards on Monday 27 Nov 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Sleet	Sleet	Light rain	Dull	Light rain showers (night)
Precipitation probability					
80%	60%	60%	60%	20%	60%

Forecast for Monday 27 Nov 2023

Weather: Low cloud and rain will push southwards early Monday, becoming widespread with some heavier bursts. Rain turning increasingly wintry above about 600m. Remaining largely cloudy and dull, although drier for a time during the evening before a band of showery rain and hill snow arrives from the northeast towards midnight.

Chance of cloud-free hill tops above 600m: 20%, improving to 40-60% by late afternoon, mainly in the far west. Lowering towards 20% as showery rain arrives late on.

Low cloud and visibility: Extensive cloud with bases 400-600m through the morning and early afternoon, improving somewhat to scattered or broken amounts around 600-800m through the rest of the day. Bases lowering again from the north towards midnight to around 400m. Visibility moderate in rain or showers, poor or very poor in heavy rain, sleet or snow. Visibility good outside of cloud when dry.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 27 Nov 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/8 NE	14/18 NE	14/19 N	17/24 N	17/24 N	22/30 NE	21/32 NE
300	4/7 E	12/20 NE	8/12 N	11/18 N	11/19 N	14/22 N	14/23 NE
Valley	4/5 E	13/25 NE	7/15 N	9/19 N	9/20 N	10/24 N	11/24 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/1	0/-5	0/-5	1/-4	1/-4	2/-5	1/-6
300	5/3	2/-2	2/-1	4/-1	4/-0	4/-1	3/-1
Valley	5/4	3/-1	3/0	4/1	4/1	4/1	4/0
Freezing Level*	1300m	700m	600m	800m	900m	900m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling very cold at modest elevations, especially in rain and wintry precipitation. Feeling especially cold later in the day and overnight with a marked wind chill. Be prepared with appropriate layers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 27 Nov 2023	2.8mm	2.8mm	2.8mm

Forecast for Tuesday 28 Nov 2023

Weather: The fragmenting band of showery rain will clear to the south in the early hours, allowing for some patchy fog and freezing fog to develop in valleys. Fog mostly dissipating by mid-morning. A mostly fine and bright day of lengthy sunny spells follows. Perhaps clouding over Tuesday evening.

Maximum wind: Northerly 10-15mph gusting 25mph at first, soon becoming light and variable - predominantly northerly.

Chance of cloud-free hill tops above 600m: 20%, improving from the north to 90% shortly after dawn.

Low cloud and visibility: Scattered or broken cloud bases 400-600m at first, clearing away to the south with bases with patchy cloud above summits through the rest of the day. Valley fog lifting and clearing, giving patchy cloud cover on slopes as it dissipate. Visibility poor or very poor in early fog or wintry showers, moderate in patchy rain, becoming excellent with clear views of distant hills.

Temperature: **Valleys:** Plus 1 to plus 4 Celsius
At 600m: Minus 1 to plus 2 Celsius
Freezing level: 800-1000m, falling to 400-600m

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